



SEQUENCE LISTING

<110> Gastrotech Pharma A/S

<120> Use of ghrelin for treating low body weight and body fat mass in gastrectomized individuals

<130> P824 PC00

<160> 80

<170> PatentIn version 3.1

<210> 1

<211> 28

<212> PRT

<213> Homo sapiens

<220>

<221> MOD_RES

<222> (3)..(3)

<223> Amino acid in position 3 is modified with a fatty acid

<400> 1

Gly Ser Ser Phe Leu Ser Pro Glu His Gln Arg Val Gln Gln Arg Lys
1 5 10 15

Glu Ser Lys Lys Pro Pro Ala Lys Leu Gln Pro Arg
20 25

<210> 2

<211> 27

<212> PRT

<213> Homo sapiens

<220>

<221> MOD_RES

<222> (3)..(3)

<223> Amino acid in position 3 is modified with a fatty acid

<400> 2

Gly Ser Ser Phe Leu Ser Pro Glu His Gln Arg Val Gln Arg Lys Glu
1 5 10 15

Ser Lys Lys Pro Pro Ala Lys Leu Gln Pro Arg
20 25

<210> 3

<211> 28

<212> PRT

<213> Rattus rattus

<220>

<221> MOD_RES

<222> (3)..(3)

<223> Amino acid in position 3 is modified with a fatty acid

<400> 3

Gly Ser Ser Phe Leu Ser Pro Glu His Gln Lys Ala Gln Gln Arg Lys
1 5 10 15

Glu Ser Lys Lys Pro Pro Ala Lys Leu Gln Pro Arg
20 25

<210> 4

<211> 25

<212> PRT

<213> Homo sapiens

<400> 4

Phe Leu Ser Pro Glu His Gln Arg Val Gln Gln Arg Lys Glu Ser Lys
1 5 10 15

Lys Pro Pro Ala Lys Leu Gln Pro Arg
20 25

<210> 5

<211> 24

<212> PRT

<213> Homo sapiens

<400> 5

Phe Leu Ser Pro Glu His Gln Arg Val Gln Gln Arg Lys Glu Ser Lys
1 5 10 15

Lys Pro Pro Ala Lys Leu Gln Pro
20

<210> 6

<211> 23

<212> PRT

<213> Homo sapiens

<400> 6

Phe Leu Ser Pro Glu His Gln Arg Val Gln Gln Arg Lys Glu Ser Lys
1 5 10 15

Lys Pro Pro Ala Lys Leu Gln
20

<210> 7
<211> 22
<212> PRT
<213> Homo sapiens

<400> 7

Phe Leu Ser Pro Glu His Gln Arg Val Gln Gln Arg Lys Glu Ser Lys
1 5 10 15

Lys Pro Pro Ala Lys Leu
20

<210> 8
<211> 21
<212> PRT
<213> Homo sapiens

<400> 8

Phe Leu Ser Pro Glu His Gln Arg Val Gln Gln Arg Lys Glu Ser Lys
1 5 10 15

Lys Pro Pro Ala Lys
20

<210> 9
<211> 20
<212> PRT
<213> Homo sapiens

<400> 9

Phe Leu Ser Pro Glu His Gln Arg Val Gln Gln Arg Lys Glu Ser Lys
1 5 10 15

Lys Pro Pro Ala
20

<210> 10
<211> 19
<212> PRT
<213> Homo sapiens

<400> 10

Phe Leu Ser Pro Glu His Gln Arg Val Gln Gln Arg Lys Glu Ser Lys

1 5 10 15

Lys Pro Pro

<210> 11
<211> 18
<212> PRT
<213> Homo sapiens

<400> 11

Phe Leu Ser Pro Glu His Gln Arg Val Gln Gln Arg Lys Glu Ser Lys
1 5 10 15

Lys Pro

<210> 12
<211> 17
<212> PRT
<213> Homo sapiens

<400> 12

Phe Leu Ser Pro Glu His Gln Arg Val Gln Gln Arg Lys Glu Ser Lys
1 5 10 15

Lys

<210> 13
<211> 16
<212> PRT
<213> Homo sapiens

<400> 13

Phe Leu Ser Pro Glu His Gln Arg Val Gln Gln Arg Lys Glu Ser Lys
1 5 10 15

<210> 14
<211> 15
<212> PRT
<213> Homo sapiens

<400> 14

Phe Leu Ser Pro Glu His Gln Arg Val Gln Gln Arg Lys Glu Ser
1 5 10 15

<210> 15
<211> 14
<212> PRT
<213> Homo sapiens

<400> 15

Phe Leu Ser Pro Glu His Gln Arg Val Gln Gln Arg Lys Glu
1 5 10

<210> 16
<211> 13
<212> PRT
<213> Homo sapiens

<400> 16

Phe Leu Ser Pro Glu His Gln Arg Val Gln Gln Arg Lys
1 5 10

<210> 17
<211> 12
<212> PRT
<213> Homo sapiens

<400> 17

Phe Leu Ser Pro Glu His Gln Arg Val Gln Gln Arg
1 5 10

<210> 18
<211> 11
<212> PRT
<213> Homo sapiens

<400> 18

Phe Leu Ser Pro Glu His Gln Arg Val Gln Gln
1 5 10

<210> 19
<211> 10
<212> PRT
<213> Homo sapiens

<400> 19

Phe Leu Ser Pro Glu His Gln Arg Val Gln
1 5 10

<210> 20
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<212> PRT
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<400> 20

Phe Leu Ser Pro Glu His Gln Arg Val
1 5

<210> 21
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<213> Homo sapiens

<400> 21

Phe Leu Ser Pro Glu His Gln Arg
1 5

<210> 22
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<213> Homo sapiens

<400> 22

Phe Leu Ser Pro Glu His Gln
1 5

<210> 23
<211> 6
<212> PRT
<213> Homo sapiens

<400> 23

Phe Leu Ser Pro Glu His
1 5

<210> 24
<211> 5
<212> PRT
<213> Homo sapiens

<400> 24

Phe Leu Ser Pro Glu
1 5

<210> 25
<211> 4
<212> PRT
<213> Homo sapiens

<400> 25

Phe Leu Ser Pro
1

<210> 26

<211> 3

<212> PRT

<213> Homo sapiens

<400> 26

Phe Leu Ser
1

<210> 27

<211> 2

<212> PRT

<213> Homo sapiens

<400> 27

Phe Leu
1

<210> 28

<211> 1

<212> PRT

<213> Homo sapiens

<400> 28

Phe
1

<210> 29

<211> 25

<212> PRT

<213> Homo sapiens

<400> 29

Phe Leu Ser Pro Glu His Gln Lys Val Gln Gln Arg Lys Glu Ser Lys
1 5 10 15

Lys Pro Pro Ala Lys Leu Gln Pro Arg
20 25

<210> 30

<211> 24

<212> PRT

<213> Homo sapiens

<400> 30

Phe Leu Ser Pro Glu His Gln Lys Val Gln Gln Arg Lys Glu Ser Lys
1 5 10 15

Lys Pro Pro Ala Lys Leu Gln Pro
20

<210> 31

<211> 23

<212> PRT

<213> Homo sapiens

<400> 31

Phe Leu Ser Pro Glu His Gln Lys Val Gln Gln Arg Lys Glu Ser Lys
1 5 10 15

Lys Pro Pro Ala Lys Leu Gln
20

<210> 32

<211> 22

<212> PRT

<213> Homo sapiens

<400> 32

Phe Leu Ser Pro Glu His Gln Lys Val Gln Gln Arg Lys Glu Ser Lys
1 5 10 15

Lys Pro Pro Ala Lys Leu
20

<210> 33

<211> 21

<212> PRT

<213> Homo sapiens

<400> 33

Phe Leu Ser Pro Glu His Gln Lys Val Gln Gln Arg Lys Glu Ser Lys
1 5 10 15

Lys Pro Pro Ala Lys
20

<210> 34

<211> 20

<212> PRT
<213> Homo sapiens

<400> 34

Phe	Leu	Ser	Pro	Glu	His	Gln	Lys	Val	Gln	Gln	Arg	Lys	Glu	Ser	Lys
1				5					10					15	

Lys Pro Pro Ala
20

<210> 35
<211> 19
<212> PRT
<213> Homo sapiens

<400> 35

Phe	Leu	Ser	Pro	Glu	His	Gln	Lys	Val	Gln	Gln	Arg	Lys	Glu	Ser	Lys
1				5					10					15	

Lys Pro Pro

<210> 36
<211> 18
<212> PRT
<213> Homo sapiens

<400> 36

Phe	Leu	Ser	Pro	Glu	His	Gln	Lys	Val	Gln	Gln	Arg	Lys	Glu	Ser	Lys
1				5					10					15	

Lys Pro

<210> 37
<211> 17
<212> PRT
<213> Homo sapiens

<400> 37

Phe	Leu	Ser	Pro	Glu	His	Gln	Lys	Val	Gln	Gln	Arg	Lys	Glu	Ser	Lys
1				5					10					15	

Lys

<210> 38
<211> 16
<212> PRT
<213> Homo sapiens

<400> 38

Phe Leu Ser Pro Glu His Gln Lys Val Gln Gln Arg Lys Glu Ser Lys
1 5 10 15

<210> 39
<211> 15
<212> PRT
<213> Homo sapiens

<400> 39

Phe Leu Ser Pro Glu His Gln Lys Val Gln Gln Arg Lys Glu Ser
1 5 10 15

<210> 40
<211> 14
<212> PRT
<213> Homo sapiens

<400> 40

Phe Leu Ser Pro Glu His Gln Lys Val Gln Gln Arg Lys Glu
1 5 10

<210> 41
<211> 13
<212> PRT
<213> Homo sapiens

<400> 41

Phe Leu Ser Pro Glu His Gln Lys Val Gln Gln Arg Lys
1 5 10

<210> 42
<211> 12
<212> PRT
<213> Homo sapiens

<400> 42

Phe Leu Ser Pro Glu His Gln Lys Val Gln Gln Arg
1 5 10

<210> 43
<211> 11
<212> PRT

<213> Homo sapiens

<400> 43

Phe Leu Ser Pro Glu His Gln Lys Val Gln Gln
1 5 10

<210> 44

<211> 10

<212> PRT

<213> Homo sapiens

<400> 44

Phe Leu Ser Pro Glu His Gln Lys Val Gln
1 5 10

<210> 45

<211> 9

<212> PRT

<213> Homo sapiens

<400> 45

Phe Leu Ser Pro Glu His Gln Lys Val
1 5

<210> 46

<211> 8

<212> PRT

<213> Homo sapiens

<400> 46

Phe Leu Ser Pro Glu His Gln Lys
1 5

<210> 47

<211> 25

<212> PRT

<213> Homo sapiens

<400> 47

Phe Leu Ser Pro Glu His Gln Arg Ala Gln Gln Arg Lys Glu Ser Lys
1 5 10 15

Lys Pro Pro Ala Lys Leu Gln Pro Arg
20 25

<210> 48

<211> 24

<212> PRT
<213> Homo sapiens

<400> 48

Phe Leu Ser Pro Glu His Gln Arg Ala Gln Gln Arg Lys Glu Ser Lys
1 5 10 15

Lys Pro Pro Ala Lys Leu Gln Pro
20

<210> 49
<211> 23
<212> PRT
<213> Homo sapiens

<400> 49

Phe Leu Ser Pro Glu His Gln Arg Ala Gln Gln Arg Lys Glu Ser Lys
1 5 10 15

Lys Pro Pro Ala Lys Leu Gln
20

<210> 50
<211> 22
<212> PRT
<213> Homo sapiens

<400> 50

Phe Leu Ser Pro Glu His Gln Arg Ala Gln Gln Arg Lys Glu Ser Lys
1 5 10 15

Lys Pro Pro Ala Lys Leu
20

<210> 51
<211> 21
<212> PRT
<213> Homo sapiens

<400> 51

Phe Leu Ser Pro Glu His Gln Arg Ala Gln Gln Arg Lys Glu Ser Lys
1 5 10 15

Lys Pro Pro Ala Lys
20

<210> 52
<211> 20
<212> PRT
<213> Homo sapiens

<400> 52

Phe Leu Ser Pro Glu His Gln Arg Ala Gln Gln Arg Lys Glu Ser Lys
1 5 10 15

Lys Pro Pro Ala
20

<210> 53
<211> 19
<212> PRT
<213> Homo sapiens

<400> 53

Phe Leu Ser Pro Glu His Gln Arg Ala Gln Gln Arg Lys Glu Ser Lys
1 5 10 15

Lys Pro Pro

<210> 54
<211> 18
<212> PRT
<213> Homo sapiens

<400> 54

Phe Leu Ser Pro Glu His Gln Arg Ala Gln Gln Arg Lys Glu Ser Lys
1 5 10 15

Lys Pro

<210> 55
<211> 17
<212> PRT
<213> Homo sapiens

<400> 55

Phe Leu Ser Pro Glu His Gln Arg Ala Gln Gln Arg Lys Glu Ser Lys
1 5 10 15

Lys

<210> 56
<211> 16
<212> PRT
<213> Homo sapiens

<400> 56

Phe	Leu	Ser	Pro	Glu	His	Gln	Arg	Ala	Gln	Gln	Arg	Lys	Glu	Ser	Lys
1				5					10					15	

<210> 57
<211> 15
<212> PRT
<213> Homo sapiens

<400> 57

Phe	Leu	Ser	Pro	Glu	His	Gln	Arg	Ala	Gln	Gln	Arg	Lys	Glu	Ser
1				5					10					15

<210> 58
<211> 14
<212> PRT
<213> Homo sapiens

<400> 58

Phe	Leu	Ser	Pro	Glu	His	Gln	Arg	Ala	Gln	Gln	Arg	Lys	Glu
1				5					10				

<210> 59
<211> 13
<212> PRT
<213> Homo sapiens

<400> 59

Phe	Leu	Ser	Pro	Glu	His	Gln	Arg	Ala	Gln	Gln	Arg	Lys
1				5					10			

<210> 60
<211> 12
<212> PRT
<213> Homo sapiens

<400> 60

Phe	Leu	Ser	Pro	Glu	His	Gln	Arg	Ala	Gln	Gln	Arg
1				5					10		

<210> 61

<211> 11
<212> PRT
<213> Homo sapiens

<400> 61

Phe Leu Ser Pro Glu His Gln Arg Ala Gln Gln
1 5 10

<210> 62
<211> 10
<212> PRT
<213> Homo sapiens

<400> 62

Phe Leu Ser Pro Glu His Gln Arg Ala Gln
1 5 10

<210> 63
<211> 9
<212> PRT
<213> Homo sapiens

<400> 63

Phe Leu Ser Pro Glu His Gln Arg Ala
1 5

<210> 64
<211> 25
<212> PRT
<213> Homo sapiens

<400> 64

Phe Leu Ser Pro Glu His Gln Lys Ala Gln Gln Arg Lys Glu Ser Lys
1 5 10 15

Lys Pro Pro Ala Lys Leu Gln Pro Arg
20 25

<210> 65
<211> 24
<212> PRT
<213> Homo sapiens

<400> 65

Phe Leu Ser Pro Glu His Gln Lys Ala Gln Gln Arg Lys Glu Ser Lys
1 5 10 15

Lys Pro Pro Ala Lys Leu Gln Pro
20

<210> 66
<211> 23
<212> PRT
<213> Homo sapiens

<400> 66

Phe Leu Ser Pro Glu His Gln Lys Ala Gln Gln Arg Lys Glu Ser Lys
1 5 10 15

Lys Pro Pro Ala Lys Leu Gln
20

<210> 67
<211> 22
<212> PRT
<213> Homo sapiens

<400> 67

Phe Leu Ser Pro Glu His Gln Lys Ala Gln Gln Arg Lys Glu Ser Lys
1 5 10 15

Lys Pro Pro Ala Lys Leu
20

<210> 68
<211> 21
<212> PRT
<213> Homo sapiens

<400> 68

Phe Leu Ser Pro Glu His Gln Lys Ala Gln Gln Arg Lys Glu Ser Lys
1 5 10 15

Lys Pro Pro Ala Lys
20

<210> 69
<211> 20
<212> PRT
<213> Homo sapiens

<400> 69

Phe Leu Ser Pro Glu His Gln Lys Ala Gln Gln Arg Lys Glu Ser Lys
1 5 10 15

Lys Pro Pro Ala
20

<210> 70
<211> 19
<212> PRT
<213> Homo sapiens

<400> 70

Phe	Leu	Ser	Pro	Glu	His	Gln	Lys	Ala	Gln	Gln	Arg	Lys	Glu	Ser	Lys
1				5					10					15	

Lys Pro Pro

<210> 71
<211> 18
<212> PRT
<213> Homo sapiens

<400> 71

Phe	Leu	Ser	Pro	Glu	His	Gln	Lys	Ala	Gln	Gln	Arg	Lys	Glu	Ser	Lys
1				5					10					15	

Lys Pro

<210> 72
<211> 17
<212> PRT
<213> Homo sapiens

<400> 72

Phe	Leu	Ser	Pro	Glu	His	Gln	Lys	Ala	Gln	Gln	Arg	Lys	Glu	Ser	Lys
1				5					10					15	

Lys

<210> 73
<211> 16
<212> PRT
<213> Homo sapiens

<400> 73

Phe Leu Ser Pro Glu His Gln Lys Ala Gln Gln Arg Lys Glu Ser Lys
1 5 10 15

<210> 74
<211> 15
<212> PRT
<213> Homo sapiens

<400> 74

Phe Leu Ser Pro Glu His Gln Lys Ala Gln Gln Arg Lys Glu Ser
1 5 10 15

<210> 75
<211> 14
<212> PRT
<213> Homo sapiens

<400> 75

Phe Leu Ser Pro Glu His Gln Lys Ala Gln Gln Arg Lys Glu
1 5 10

<210> 76
<211> 13
<212> PRT
<213> Homo sapiens

<400> 76

Phe Leu Ser Pro Glu His Gln Lys Ala Gln Gln Arg Lys
1 5 10

<210> 77
<211> 12
<212> PRT
<213> Homo sapiens

<400> 77

Phe Leu Ser Pro Glu His Gln Lys Ala Gln Gln Arg
1 5 10

<210> 78
<211> 11
<212> PRT
<213> Homo sapiens

<400> 78

Phe Leu Ser Pro Glu His Gln Lys Ala Gln Gln
1 5 10

<210> 79
<211> 10
<212> PRT
<213> Homo sapiens

<400> 79

Phe Leu Ser Pro Glu His Gln Lys Ala Gln
1 5 10

<210> 80
<211> 9
<212> PRT
<213> Homo sapiens

<400> 80

Phe Leu Ser Pro Glu His Gln Lys Ala
1 5